

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	24	("20020166325" "20030192324" "3822388" "4005319" "4114380" "4355517" "4398398" "4467236" "4489553" "4504761" "4511818" "4623808" "4722201" "5389844" "5431694" "5814921" "5996345" "6032464" "6194815" "6314740" "6429576" "6574968" "6578364" "6604363").PN.	US-PGPUB; USPAT	OR	ON	2005/10/29 17:49
S4	1	"20040000150"	US-PGPUB; USPAT	OR	ON	2005/10/28 17:28
S5	132	thermoacoustic with generat\$5	US-PGPUB; USPAT	OR	ON	2005/10/29 16:26
S6	75	thermoacoustic and piezo\$	US-PGPUB; USPAT	OR	ON	2005/10/29 16:25
S7	297	alternator and piezo\$	US-PGPUB; USPAT	OR	ON	2005/10/29 16:26
S8	26	alternator with piezo\$	US-PGPUB; USPAT	OR	ON	2005/10/29 16:26
S9	1	alternator with piezo\$	EPO; JPO	OR	ON	2005/10/29 16:26
S10	2	alternator and piezo\$	EPO; JPO	OR	ON	2005/10/29 16:26
S11	15	thermoacoustic with generat\$5	EPO; JPO	OR	ON	2005/10/29 16:34
S12	104	310/306.ccls.	EPO; JPO	OR	ON	2005/10/29 16:35
S14	50	290/1r.ccls. and piezo\$	US-PGPUB; USPAT	OR	ON	2005/10/29 16:35
S15	650	310/306.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/29 16:35
S16	345	(linear with alternator)	US-PGPUB; USPAT	OR	ON	2005/10/29 17:12
S17	23	S16 and piezo\$	US-PGPUB; USPAT	OR	ON	2005/10/29 17:12
S18	215	310/324.ccls. and diaphragm	US-PGPUB; USPAT	OR	ON	2005/10/29 18:26
S19	604	piezo\$ and (diaphragm with piston)	US-PGPUB; USPAT	OR	ON	2005/10/29 18:06
S20	88	piezo\$ with diaphragm with piston	US-PGPUB; USPAT	OR	ON	2005/10/29 18:12
S21	1325	piezo\$ with piston	US-PGPUB; USPAT	OR	ON	2005/10/29 18:13
S22	110	367/162.ccls. and piezo\$	US-PGPUB; USPAT	OR	ON	2005/10/29 18:18
S23	0	piezo\$ same stack same diaphragm	US-PGPUB; USPAT	OR	ON	2005/10/29 18:19
S24	390	piezo\$ same stack same diaphragm	US-PGPUB; USPAT	OR	ON	2005/10/29 18:21
S25	16	piezo\$ same stack same diaphragm same piston	US-PGPUB; USPAT	OR	ON	2005/10/29 18:22
S26	110	"381"/\$.ccls. and piezo\$ and piston	US-PGPUB; USPAT	OR	ON	2005/10/29 18:22
S27	505	310/324.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/29 18:27
S28	22	310/324.ccls. and piston	US-PGPUB; USPAT	OR	ON	2005/10/29 18:31
S29	114	piezo and piston	JPO	OR	ON	2005/10/29 18:31
S30	468	piezo\$ and piston	JPO	OR	ON	2005/10/29 18:42
S31	1386	diaphragm and piston	JPO	OR	ON	2005/10/29 18:42
S32	2926	diaphragm and piezo\$	JPO	OR	ON	2005/10/29 18:42
S33	4295	S31 S32	JPO	OR	ON	2005/10/29 18:42

## EAST Search History

S34	1431	S33 and (piston or rod)	JPO	OR	ON	2005/10/29 18:43
S36	7	(US-20030192324-\$ or US-20050093398-\$).did. or (US-5329768-\$ or US-5146750-\$ or US-6314740-\$ or US-4511818-\$ or US-4467236-\$).did.	US-PGPUB; USPAT	OR	ON	2005/10/30 13:33
S37	6	S36 and piston	US-PGPUB; USPAT	OR	ON	2005/10/30 13:49
S38	69	piezo\$ with spring with stiffness	US-PGPUB; USPAT	OR	ON	2005/10/30 13:49
S39	20	thermoacoustic with generat\$5	EPO; JPO	OR	ON	2006/02/09 11:00

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S40	27	(thermoacoustic with generat\$5).clm.	US-PGPUB; USPAT	OR	ON	2006/02/09 11:01

## INTERFERENCE SEARCH